

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("(billbillingbilled) withISPwithcontent").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 11:31
L2	46	(bill billing billed) with ISP with content	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 11:32
L3	73	(bill billing billed) with (ISP ((Internet access)adj (provider))) with content	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 11:41
L4	35628	(bill charge billing charging billed charged) with (online Internet web on-line cyberspace e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 11:44
L5	0	705/35.ccls	US-PGPUB; USPAT; IBM_TDB	OR	ON	2009/08/26 11:45
L6	4622	705/35.ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2009/08/26 11:45
L7	489	4 and 6	US-PGPUB; USPAT; IBM_TDB	OR	ON	2009/08/26 11:46
L8	7546	zhou.in.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2009/08/26 11:48
L9	138	zhou.in. and (bill billing billed)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2009/08/26 11:49
L10	96	zhou.in. and (bill billing billed) and (Internet web online)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2009/08/26 11:49
L11	1	zhou.in. and (bill billing billed) and (Internet web online) and rohelec.in.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2009/08/26 11:49
S1	5	US-5550803-\$.DID. OR US-6049821-\$.DID. OR US-6266681-\$.DID. OR US-6343323-\$.DID. OR US-6463474-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 15:23
S2	6	2002/0038363	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 15:27

S3	1	"20020038363"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/02 09:13
S4	1	"20020124055"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 15:42
S5	1	"20020138331"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:02
S6	1	"20020091757"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/30 16:06
S8	4	"0511926"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2007/01/30 16:08
S9	2	("0511926").PN.	USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:09
S10	3	"511926" and IBM	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:14
S11	0	"46963" and Apion	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:17
S12	2	("0046963").PN.	USPAT; USOCR	OR	OFF	2007/01/30 16:17
S13	2	("0046963").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:18
S14	1	"0046963"	USPAT	OR	OFF	2007/01/30 16:19
S15	0	"apion telecoms limited"	USPAT	OR	OFF	2007/01/30 16:19
S16	0	"appion telecoms limited"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 08:40
S17	10	'9700471'	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/30 16:21
S18	0	("WO9700471").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:22

S19	10	("9700471").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:23
S20	2	("0079434").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:24
S24	32	"Internet Dynamics"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:25
S25	0	S24 and "Internet Dynamics, Inc."	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:26
S26	0	S24 and "Internet Dynamics Inc."	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/30 16:27
S27	4286	ISP and billing	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/01/30 16:27
S28	916	S27 and log and profile	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/01/30 16:28
S29	916	S28 and ay<"2001"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/01/30 16:28
S30	232	S28 and @ay<"2001"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/01/30 16:28
S31	10751	payment and authorization and account	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/01/30 16:29
S32	44	S30 and S31	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2007/01/31 08:20
S33	11	pitts.in. and ("5611049" or "6085234")	USPAT	OR	OFF	2007/01/31 08:22
S34	2	"apion telecoms"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/31 08:40
S35	17	"Internet Dynamics"	USPAT	OR	OFF	2007/01/31 08:47

S36	32	"Internet Dynamics"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/31 08:48
S37	2	"20020138331" "20020133412"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/02 09:14
S38	2	S37 and (intercept or log or profile or class)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 18:23
S39	1692456	message notice report update inquiry request notification communication	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 18:27
S40	1868579	message notice report update inquiry request notification communication	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/16 18:28
S41	63059	(log record archive)near4 S40	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/16 19:03
S42	357	identity near4 S41	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/16 18:30
S43	0	S42 with interaction	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/16 18:30
S44	64	S42 with (communication traffic)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/16 18:31
S45	11111	(log record archive)near3 (communication traffic)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/16 18:44
S46	59	S45 near5 identity	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/16 18:44
S47	7	(US-20020138331-\$ or US- 20020133412-\$ or US- 20020087522-\$ or US- 20020027901-\$).did. or (US- 6807533-\$ or US-6205479-\$ or US-6687750-\$).did.	US-PGPUB; USPAT	OR	ON	2007/07/16 19:02
S48	4	S47 and S45	US-PGPUB; USPAT	OR	ON	2007/07/16 19:02
S49	7	(log record archive)and S47	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 09:32
S50	435	(must required require requiring requires need prerequisite stipulation) near4 (pre\$1pay pre\$1payment)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 09:42
S51	1	S50 with profile	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 09:37

S52	52	(vendor merchant (service adj provider)) same S50	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 09:38
S53	68	((identify identified identifies identifying determine determining determines determined find finding found finds check checks checked checking)near3 whether) with (pre\$1pay pre\$1payment)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 09:46
S54	4	((identify identified identifies identifying determine determining determines determined find finding found finds check checks checked checking)near3 whether) with (must required require requiring requires need prerequisite stipulation)near4 (pre\$1pay pre\$1payment)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 09:54
S55	4	((identify identified identifies identifying determine determining determines determined find finding found finds check checks checked checking)near3 (whether if)) with (must required require requiring requires need prerequisite stipulation)near4 (pre\$1pay pre\$1payment)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 10:29
S56	0	S55 not S54	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 09:55
S57	67	((user customer client purchaser merchant vendor (service adj provider)) near3 (record profile data file))with (pre\$1pay pre\$1payment))	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 10:11
S58	19	((user customer participant buyer client purchaser merchant vendor (service adj provider)) near3 (record profile data file))same ((must required require requiring requires need prerequisite stipulation)near5 (pre\$1pay pre\$1payment)))	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 10:17
S59	71	((merchant vendor seller (service adj provider))same ((must required require requiring requires need prerequisite stipulation)near5 (pre\$1pay pre\$1payment))))	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 12:11
S60	4361	(sufficient insufficient) adj (funds funding credit)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 10:28

S61	1195	(identify identified identifies identifying determine determining determines determined find finding found finds check checks checked checking)near3 S60	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 10:29
S62	9	(US-20020138331-\$ or US-20020133412-\$ or US-20020087522-\$ or US-20020027901-\$).did. or (US-6807533-\$ or US-6205479-\$ or US-6687750-\$ or US-6036090-\$ or US-5339239-\$).did.	US-PGPUB; USPAT	OR	ON	2007/07/17 10:34
S63	2	S62 and (prepay or pre-pay or prepayment or pre-payment)	US-PGPUB; USPAT	OR	ON	2007/07/17 10:35
S64	2	S62 and (prepay or pre-pay or prepayment or pre-payment or (pay adj first))	US-PGPUB; USPAT	OR	ON	2007/07/17 10:46
S65	2295	profile with credit	US-PGPUB; USPAT	OR	ON	2007/07/17 10:47
S66	108	profile with (credit adj limit)	US-PGPUB; USPAT	OR	ON	2007/07/17 10:51
S67	0	profile with (credit adj limit) with (prepay pre-pay prepayment pre-payment (pay adj first) )	US-PGPUB; USPAT	OR	ON	2007/07/17 10:52
S68	0	profile with (credit adj limit) same (prepay pre-pay prepayment pre-payment (pay adj first) )	US-PGPUB; USPAT	OR	ON	2007/07/17 10:52
S69	6	profile with (credit ) same (prepay pre-pay prepayment pre-payment (pay adj first) )	US-PGPUB; USPAT	OR	ON	2007/07/17 10:52
S70	6	((profile with (credit )) same (prepay pre-pay prepayment pre-payment (pay adj first) )	US-PGPUB; USPAT	OR	ON	2007/07/17 11:27
S71	87	((profile profiles file files record) with (credit )) same (prepay pre-pay prepayment pre-payment (pay adj first) )	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 12:46
S72	1	((((merchant vendor seller (service adj provider))same ((must required require requiring requires need prerequisite stipulation)near5 (pre\$1pay pre\$1payment)))) with (((user merchant vendor seller) adj(data account history) or profile ))	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/17 12:13
S73	469	(profile profiles file files record) same (prepay pre-pay prepayment pre-payment (pay adj first) )	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 12:47

S74	718	(merchant vendor) near3 (profile)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 12:48
S75	1848	(merchant vendor seller (service adj provider)) near3 (profile)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 12:48
S76	55	(merchant vendor seller (service adj provider)) near3 (profile) near3 (payment credit)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 13:43
S77	4084810	(updat\$4 chang\$4 record\$4 document\$4 log\$4 stor\$4)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 13:49
S78	3147	((billing transaction payment) adj (data information)) near3 (profile account)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 14:20
S80	514	((bill billing transaction payment) adj (data information)) near3 (updat\$4 stor\$4 log\$4 archiv\$4) near3 (profile account)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 14:27
S81	307	S80 and @ad<"20030101"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 14:24
S82	165	S81 and "705".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 14:24
S83	182	((bill billing transaction payment) adj (data information)) adj(updat\$4 stor\$4 log\$4 archiv\$4) near5 (profile account)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 14:31
S84	66	((bill billing) adj (data information)) adj(updat\$4 stor\$4 log\$4 archiv\$4) near5 (profile account)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 14:31
S85	32	((bill billing) adj (data information)) adj(updat\$4 stor\$4 log\$4 archiv\$4) near5 (profile)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 15:13
S86	13	(US-20020138331-\$ or US-20020133412-\$ or US-20020087522-\$ or US-20020027901-\$).did. or (US-6807533-\$ or US-6205479-\$ or US-6687750-\$ or US-6036090-\$ or US-5339239-\$ or US-6226364-\$ or US-6236851-\$ or US-6343279-\$ or US-6167385-\$).did.	US-PGPUB; USPAT	OR	ON	2007/07/17 14:33
S87	0	S86 with address with profile	US-PGPUB; USPAT	OR	ON	2007/07/17 14:34
S88	0	S86 with address	US-PGPUB; USPAT	OR	ON	2007/07/17 14:34

S89	0	S86 with (billing adj data)	US-PGPUB; USPAT	OR	ON	2007/07/17 14:34
S90	0	S86 with profile	US-PGPUB; USPAT	OR	ON	2007/07/17 14:39
S91	1	S86 and ( address with profile)	US-PGPUB; USPAT	OR	ON	2007/07/17 14:35
S92	9	S86 and profile	US-PGPUB; USPAT	OR	ON	2007/07/17 15:07
S93	3	(prize award bonus gift reward) and S86	US-PGPUB; USPAT	OR	ON	2007/07/17 15:10
S94	7	(prize award bonus gift reward discount coupon) and S86	US-PGPUB; USPAT	OR	ON	2007/07/17 15:12
S95	1376	(prize award bonus gift reward discount coupon) with profile	US-PGPUB; USPAT	OR	ON	2007/07/17 15:12
S96	34160	(updat\$4 stor\$4 log\$4 archiv \$4) near5 (profile)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 15:14
S97	260	S95 with S96	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 15:41
S98	6310	(deny refuse) adj (access service)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 15:45
S99	0	((deny refuse) adj (access service)) and S86	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 15:49
S100	318	((deny refuse) adj (access service))with (message notice explanation explanatory explain)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 15:46
S101	2	((deny denied denying denial denies refuse refusing refused refuses refusal ) adj (access service)) and S86	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 15:51
S102	3	((deny denied denying denial denies refuse refusing refused refuses refusal decline declining declined declines disapprove disapproval disapproved disapproves disproving reject rejected rejecting rejection rejects) adj (access service)) and S86	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 16:10
S103	2075	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 16:12
S104	112749	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 16:15



S105	8	S104 and S86	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 16:13
S106	3639	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes) with profile	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 16:16
S107	6407	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes) near5 payment	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 08:18
S108	382	S106 and S107	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 16:17
S109	110	S106 with S107	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/17 16:17
S110	14	(US-20020138331-\$ or US- 20020133412-\$ or US- 20020087522-\$ or US- 20020027901-\$).did. or (US- 6807533-\$ or US-6205479-\$ or US-6687750-\$ or US-6036090- \$ or US-5339239-\$ or US- 6226364-\$ or US-6236851-\$ or US-6343279-\$ or US-6167385- \$ or US-5991376-\$).did.	US-PGPUB; USPAT	OR	ON	2007/07/18 08:18
S111	112749	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 10:04
S112	8	S110 and S111	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 08:20
S113	6	S110 and (credit adj card)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 08:20
S114	133	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes) with ("payment authorization request")	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 08:29

S115	15	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes) with ("payment authorization request" near3 (user client customer purchaser) )	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 08:32
S116	1567	(user client customer purchaser)near3 (pre \$1authorization pre\$1authorize pre\$1authorizing pre \$1authorized pre\$1authorizes authorization authorize authorizing authorized authorizes) near3 (payment)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 08:38
S117	27	((user client customer purchaser)near3 (pre \$1authorization pre\$1authorize pre\$1authorizing pre \$1authorized pre\$1authorizes authorization authorize authorizing authorized authorizes) near3 payment) with profile	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 08:39
S118	1	S110 and (request near3 (service adj provider))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/07/18 08:53
S119	1	S110 and (request near5 (service adj provider))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/07/18 08:54
S120	271	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes)near3 ((billing payment (funds adj transfer))adj system)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 10:15
S121	0	S120 and S110	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 10:07
S122	99	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes)near3 ((billing)adj system)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 12:37

S123	0	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes)near3 ((bill billing payment (accounts adj receivable))adj system) near3 (access adj provider)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 10:18
S124	5	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes)near3 ((bill billing payment (accounts adj receivable))adj system) near3 ( provider)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 10:24
S125	7753	(pre\$1authorization pre \$1authorize pre\$1authorizing pre\$1authorized pre \$1authorizes authorization authorize authorizing authorized authorizes)near3 (partner participant member party)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 12:42
S126	792	((identify identified identifies identifying determine determining determines determined find finding found finds check checks checked checking)near3 S125)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/18 12:44
S127	21	S126 with (service adj provider)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/18 12:40
S128	32304	(authorization authorize authorizing authorized authorizes registered register registering registers registration confirm confirmed confirming confirms validate validates validating validated) near3 (partner participant member party (service adj provider))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 12:46
S129	2254	((identify identified identifies identifying determine determining determines determined find finding found finds check checks checked checking)near3 S128)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/18 12:46
S130	402	S129 with (service adj provider)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/18 12:45

S131	4334	(authorization authorize authorizing authorized authorizes registered register registering registers registration confirm confirmed confirming confirms validate validates validating validated) near3 ( (service adj provider))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/07/18 12:46
S132	395	((identify identified identifies identifying determine determining determines determined find finding found finds check checks checked checking)near3 S131)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/18 12:46
S133	206	S132 and @ad< "20030101"	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2007/07/18 12:47
S135	206	379/114.03.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/12 11:20
S136	105	digital and S135	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/12 11:12
S137	24	S136 and log and (bill billing)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/12 11:12
S138	16	S137 and (identifier identity id)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/12 11:13
S139	155	S135 and (log record file) and (bill billing)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/12 11:21
S140	19	(US-20020087522-\$ or US- 20020027901-\$ or US- 20020138331-\$ or US- 20020133412-\$).did. or (US- 6687750-\$ or US-6205479-\$ or US-5339239-\$ or US-6807533- \$ or US-6131090-\$ or US- 6167385-\$ or US-5815665-\$ or US-6236851-\$ or US-6343279- \$ or US-5991376-\$ or US- 6226364-\$ or US-6036090-\$ or US-5496991-\$ or US-5852812- \$ or US-5218632-\$).did.	US-PGPUB; USPAT	OR	ON	2007/12/13 10:29
S141	19	S140 and (log logging record recording file filing storing store save saving)	US-PGPUB; USPAT	OR	ON	2007/12/13 10:40
S142	19	S140 and (answer response reply answering responding replying answered responded replied)	US-PGPUB; USPAT	OR	ON	2007/12/13 10:42
S143	14	S140 and (address addressing addressed)	US-PGPUB; USPAT	OR	ON	2007/12/13 10:42

S144	257	network adj sniffer	US-PGPUB; USPAT; DERWENT	OR	ON	2008/04/15 13:04
S145	19	(US-20020087522-\$ or US-20020133412-\$ or US-20020138331-\$ or US-20020027901-\$).did. or (US-6036090-\$ or US-6687750-\$ or US-6807533-\$ or US-6205479-\$ or US-6131090-\$ or US-6167385-\$ or US-6226364-\$ or US-5815665-\$ or US-5991376-\$ or US-6343279-\$ or US-5339239-\$ or US-6236851-\$ or US-5496991-\$ or US-5852812-\$ or US-5218632-\$).did.	US-PGPUB; USPAT	OR	ON	2008/06/06 14:28
S146	14	S145 and (bill billing charge charges)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/06/06 14:28
S147	15	S145 and (bill billed billing chargecharged cost charges)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/06/06 14:28
S148	0	S145 and (ignore ignoring ignored)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/06/06 15:11
S149	0	S145 and (regular adj traffic)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/06/06 15:11
S150	9	S145 and traffic	US-PGPUB; USPAT; DERWENT	OR	ON	2008/06/06 15:11
S151	0	(determine determining determined) near3 (billing usage charges)near3 (from adj content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:41
S152	0	(determine determining determined) near3 (billing usage charges (amount adj due))near3 (from adj content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:42
S153	0	(determine determining determined find found finding) near3 (billing usage charges (amount adj due))near3 (from adj content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:42
S154	0	(determine determining determined find found finding calculate calculating calculated) near3 (billing usage charges (amount adj due))near3 (from adj content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:43
S155	0	(billing usage charges (amount adj due))near3 (from adj content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:43

S156	0	(from adj content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:43
S157	0	("from" adj content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:43
S158	2040	("from")	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:43
S159	0	("from" near3 content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:44
S160	9	("from" same content)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:44
S161	0	("from content")	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/06/11 15:45
S162	19	(US-20020087522-\$ or US-20020133412-\$ or US-20020138331-\$ or US-20020027901-\$).did. or (US-6036090-\$ or US-6687750-\$ or US-6807533-\$ or US-6205479-\$ or US-6131090-\$ or US-6167385-\$ or US-6226364-\$ or US-5815665-\$ or US-5991376-\$ or US-6343279-\$ or US-5339239-\$ or US-6236851-\$ or US-5496991-\$ or US-5852812-\$ or US-5218632-\$).did.	US-PGPUB; USPAT	OR	ON	2008/06/11 15:47
S163	14	S162 and (bill billing charge charges)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/06/11 15:47
S164	5445	ISP and billing	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2008/06/11 15:47
S165	13098	(log record archive)near3 (communication traffic)	US-PGPUB; USPAT; USOCR; IBM_TDB	OR	ON	2008/06/11 15:47
S166	7	(US-20020138331-\$ or US-20020133412-\$ or US-20020087522-\$ or US-20020027901-\$).did. or (US-6807533-\$ or US-6205479-\$ or US-6687750-\$).did.	US-PGPUB; USPAT	OR	ON	2008/06/11 15:47
S167	4	S166 and S165	US-PGPUB; USPAT	OR	ON	2008/06/11 15:47
S168	282	qualcomm and brew	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:25
S169	785	qualcomm and (wireless mobile) and billing	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:27

S170	-4	ay<"2003"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2008/11/07 15:28
S171	27599	billing and @ay<"2003"	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2008/11/07 15:30
S172	343	S169 and S171	US-PGPUB; USPAT; IBM_TDB	OR	OFF	2008/11/07 15:31
S173	15635	(wireless mobile) and billing and @ay<"2003"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:37
S174	22528	(pay purchase buy paying purchasing buying)near4 services	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:39
S175	2140	S173 and S174	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:39
S176	1418	S175 and (service adj provider)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:40
S177	1412	(pay purchase buy paying purchasing buying)near4 services with (service adj provider)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:44
S178	186	S173 and S177	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/07 15:44
S179	20	("4935956"   "5027387"   "5146491"   "5465293"   "5465295"   "5473667"   "5473671"   "5511111"   "5537464"   "5557664"   "5579379"   "5636269"   "5657375"   "5666405"   "5675635"   "5722067"   "5737688"   "5835573"   "5920815"   "6169891").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 15:52
S180	1234	("900" adj number)same (phone telephone dial call caller called calling )	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 11:53
S181	306	("900" adj number)same (phone telephone dial call caller called calling )same (bill billing billed )	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 11:54
S182	586	(carrier telco telecom telecomm telcom telecommunication)with (billing)with (merchant seller (service adj provider))	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 12:08
S183	12	S180 and S182	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 12:08

S184	25	(US-20020087522-\$ or US-20020133412-\$ or US-20020138331-\$ or US-20020027901-\$ or US-20010055370-\$).did. or (US-6036090-\$ or US-6687750-\$ or US-6807533-\$ or US-6205479-\$ or US-6131090-\$ or US-6167385-\$ or US-6226364-\$ or US-5815665-\$ or US-5991376-\$ or US-6343279-\$ or US-5339239-\$ or US-6236851-\$ or US-5496991-\$ or US-5852812-\$ or US-5218632-\$ or US-6128624-\$ or US-6263056-\$ or US-5537464-\$ or US-6148071-\$ or US-5963625-\$).did.	US-PGPUB; USPAT	OR	ON	2008/11/09 14:26
S185	13	S184 and (log logging logged)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 14:26
S186	19	S184 and (bill billing billed)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 15:09
S187	17	S184 and (address url)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 15:19
S188	11	S184 and (ama price)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:04
S189	688	(carrier telco telecom telecomm telcom telecommunication)with (billing)with (ama (automatic message accounting))	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:08
S190	660	(carrier telco telecom telecomm telcom telecommunication)with (billing)with ((automatic message accounting))	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:09
S191	345	(carrier telco telecom telecomm telcom telecommunication)with (billing)with ((automatic message accounting)) and @ay< "2003"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:09
S192	200	(carrier telco telecom telecomm telcom telecommunication)with (billing)with ((automatic message accounting)) and @ay< "2001"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:09
S193	11	(carrier telco telecom telecomm telcom telecommunication)with (billing)with ((automatic adj message adj accounting)) and @ay< "2001"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:09



S194	847805	(carrier telco telecom telecomm telcom telecommunication) and @ay< "2001"and ((billing)same (aggregation aggregating aggregated) with (automatic adj message adj accounting))	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:17
S195	1512111	(carrier telco telecom telecomm telcom telecommunication telephone phone) and @ay< "2003"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:18
S196	2	(billing)same (aggregation aggregating aggregated) same (automatic adj message adj accounting)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:18
S197	2	(billing bill billed)same (aggregation aggregating aggregated) same(automatic adj message adj accounting)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:18
S198	6	S184 and (pre-pay prepay prepaid pre-paid)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 16:35
S199	7	S184 and (pre-pay prepay prepaid pre-paid ((pay paid paying) near3 (advance before beforehand) ))	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 17:16
S200	8	S184 and ((free toll charge) near3 call)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 17:37
S201	25	(US-20020087522-\$ or US-20020133412-\$ or US-20020138331-\$ or US-20020027901-\$ or US-20010055370-\$).did. or (US-6036090-\$ or US-6687750-\$ or US-6807533-\$ or US-6205479-\$ or US-6131090-\$ or US-6167385-\$ or US-6226364-\$ or US-5815665-\$ or US-5991376-\$ or US-6343279-\$ or US-5339239-\$ or US-6236851-\$ or US-5496991-\$ or US-5852812-\$ or US-5218632-\$ or US-6128624-\$ or US-6263056-\$ or US-5537464-\$ or US-6148071-\$ or US-5963625-\$).did.	US-PGPUB; USPAT	OR	ON	2008/11/09 18:58
S202	7	S201 and (sufficient insufficient)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/09 18:58

S203	26	(US-20020087522-\$ or US-20020133412-\$ or US-20020138331-\$ or US-20020027901-\$ or US-20010055370-\$).did. or (US-6036090-\$ or US-6687750-\$ or US-6807533-\$ or US-6205479-\$ or US-6131090-\$ or US-6167385-\$ or US-6226364-\$ or US-5815665-\$ or US-5991376-\$ or US-6343279-\$ or US-5339239-\$ or US-6236851-\$ or US-5496991-\$ or US-5852812-\$ or US-5218632-\$ or US-6128624-\$ or US-6263056-\$ or US-5537464-\$ or US-6148071-\$ or US-5963625-\$ or US-6873691-\$).did.	US-PGPUB; USPAT	OR	ON	2008/11/10 07:38
S204	22	S203 and account	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 07:38
S205	22	S203 and (account balance)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 07:38
S206	20	S203 and (bill billing billed)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 07:47
S207	10	S203 and (secure)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 08:27
S208	10	S203 and (secure ssl )	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 08:27
S209	26	S203 and (log record)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 09:05
S210	12	S203 and (income revenue)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 09:19
S211	8	S203 and (announcement)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/11/10 09:24
S212	1	("20030051161").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 09:09
S213	1	("6158010").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 09:17
S214	470	705/412.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 15:11
S215	25	705/412.ccls. and url and request	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/05 15:11

S216	35562	(bill charge billing charging billed charged) with (online Internet web on-line cyberspace e-commerce)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:46
S217	132	(( generate generating generated render ) near4 (bill invoice)) with ((third adj party) third-party)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:52
S218	157	(( generate generating generated render ) near4 (bill invoice)) with ((third adj party) third-party intermediary outsource outsourced outsourcing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:54
S219	67	S216 and S218	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:54
S220	32	(US-20020087522-\$ or US-20020133412-\$ or US-20020138331-\$ or US-20020027901-\$ or US-20010055370-\$ or US-20010025275-\$ or US-20010037311-\$ or US-20020107697-\$ or US-20020103755-\$).did. or (US-6036090-\$ or US-6687750-\$ or US-6807533-\$ or US-6205479-\$ or US-6131090-\$ or US-6167385-\$ or US-6226364-\$ or US-5815665-\$ or US-5991376-\$ or US-6343279-\$ or US-5339239-\$ or US-6236851-\$ or US-5496991-\$ or US-5852812-\$ or US-5218632-\$ or US-6128624-\$ or US-6263056-\$ or US-5537464-\$ or US-6148071-\$ or US-5963625-\$ or US-6873691-\$ or US-6324579-\$ or US-6567850-\$).did.	US-PGPUB; USPAT	OR	ON	2009/08/19 10:12
S221	9	S220 and url	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 10:12
S222	3561	url with provider with (content service)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 10:34

S223	1	S220 and S222	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 10:34
S224	4723	(information data variable attribute identifier code) with ((encode embed encoded embedded encoding embedding attached attach attachment attaching append appended appending insert inserting inserted inside within) near3 (url))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 10:38
S225	432	S224 and S222	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 10:38
S226	0	S224 and S220	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/19 10:38
S227	32	(US-20020087522-\$ or US- 20020133412-\$ or US- 20020138331-\$ or US- 20020027901-\$ or US- 20010055370-\$ or US- 20010025275-\$ or US- 20010037311-\$ or US- 20020107697-\$ or US- 20020103755-\$).did. or (US- 6036090-\$ or US-6687750-\$ or US-6807533-\$ or US-6205479- \$ or US-6131090-\$ or US- 6167385-\$ or US-6226364-\$ or US-5815665-\$ or US-5991376- \$ or US-6343279-\$ or US- 5339239-\$ or US-6236851-\$ or US-5496991-\$ or US-5852812- \$ or US-5218632-\$ or US- 6128624-\$ or US-6263056-\$ or US-5537464-\$ or US-6148071- \$ or US-5963625-\$ or US- 6873691-\$ or US-6324579-\$ or US-6567850-\$).did.	US-PGPUB; USPAT	OR	ON	2009/08/20 08:46
S228	1	Kawecki.in. and S227	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 08:46
S229	1	S228 and (extension menu)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 08:47

S230	2	(Hosea Kaweck) .in. and S227	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/20 08:54
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